

Date: Wednesday, 11/21/2007 12:50:26 PM  
 User: Kim Johnston

## Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: SADDLE FITTING, FWD (OUTBOARD/INBOARD)
Job Number	: 35931		
Estimate Number	: 10530		
P.O. Number	: <i>N/A</i>	Part Number	: D2571
This Issue	: 11/21/2007 S.O. No. : <i>N/A</i>	Drawing Number	: D2571 REV E
Prsht Rev.	: NC	Project Number	: N/A
First Issue	: <i>N/A</i> Type : MACHINED PARTS	Drawing Revision	: E
Previous Run	: 35915	Material	: <i>N/A</i>
Written By	: <i>[Signature]</i>	Due Date	: 12/23/2007
Checked & Approved By	: <i>[Signature]</i>	Qty:	12 Um: Each
Comment	: Est: 102.10.02 Re-format; Change to Dwg Rev. D & incorporated D2572 KJ		

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	D6101007	7075-T7351 8.25X7.75X2.5
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 12.0000 Each(s)  
 7075-T7351 8.25X7.75X2.5  
 Make from D6101-007 billet for D2571  
 Ensure that grain is along 7.75" length  
 Batch No: *B31389*

*[Signature]*

2.0	HAAS1	HAAS CNC VERTICAL MACHINING #1
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Comment: HAAS CNC VERTICAL MACHINING #1  
 Program Batch No. *35931* Double check by: *DJP*

- 1-Machine Step No 1 per Folio FA051 and inspect per attached Dimension Sheets
- 2-Machine Step No 2 per Folio FA051 and inspect per attached Dimension Sheets
- 3-Machine Step No 3 per Folio FA051 and inspect per attached Dimension Sheets
- 4-Deburr and remove all machining marks
- 5-Tumble to remove sharp edges.

*[Signature]* 185 08/01/03

3.0	MILLING CONV.	CONVENTIONAL MILLING MACHINE
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Comment: CONVENTIONAL MILLING MACHINE  
 Machine keyway as per dwg D2571 & D2572

*185 08/01/03*

4.0	QC2	INSPECT PARTS AS THEY COME OFF MACHINE
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Comment: INSPECT PARTS AS THEY COME OFF MACHINE

*185 08/01/03*

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes ☒ No ☐ DQA: AD Date: 08/01/17  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Date: Wednesday, 11/21/2007 12:50:26 PM  
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Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: SADDLE FITTING, FWD (OUTBOARD/INBOARD)

Job Number: 35931

Part Number: D2571

Job Number:



Seq. #:

Machine Or Operation:

Description :

5.0

QC8

SECOND CHECK



Comment: SECOND CHECK

5.0 08/01/09

6.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Acid etch and Alodine as per QSI 005 4.1

BR 08-01-11

(12)

7.0

POWDER COATING

POWDER COATING



Comment: POWDER COATING

Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3

08-01-14

(12)

8.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT

AS m.p.

08/01/14

(12X)

9.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: SI 432

AS 08/01/17

(X12)

(12)

10.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

08/01/17

Job Completion



08-06-17

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

<b>DART AEROSPACE LTD</b>	<b>Work Order:</b>	35931
<b>Description:</b> Saddle, Fwd Outboard	<b>Part Number:</b>	D2571
<b>Inspection Dwg:</b> D2571 Rev. E		Page 1 of 1

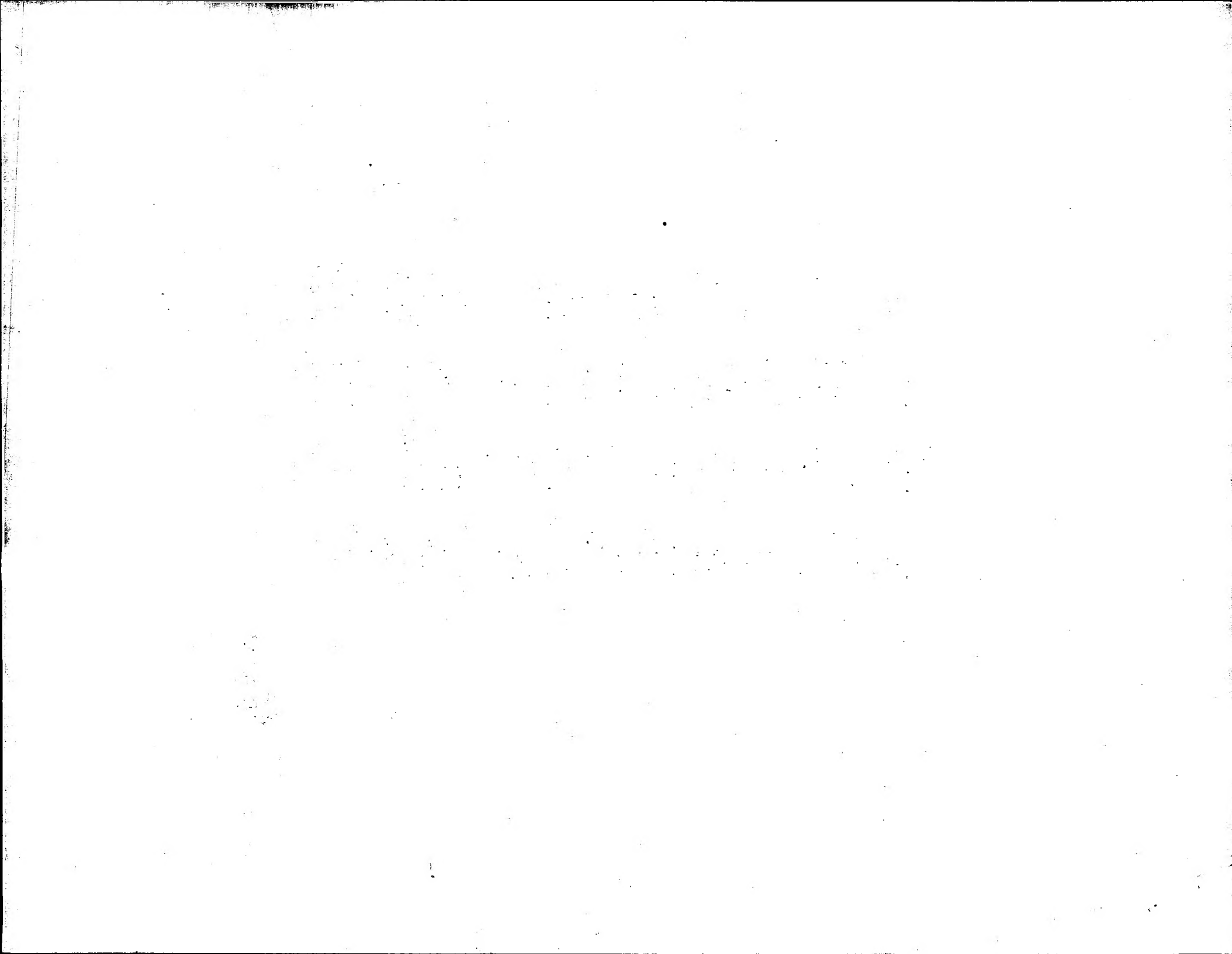
Inspect dimensions highlighted on inspection sheet drawing D2571 Rev. E and record below:

				Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	By	Date
A	0.438	0.443	DT8682	.441	.441	.441	.441		
B	1.745	1.755		1.750	1.750	1.750	1.751		
C	3.495	3.505		3.500	3.500	3.500	3.500		
D	1.745	1.755		1.750	1.750	1.750	1.750		
E	7.990	8.010		8.000	8.000	8.000	8.000		
F	0.490	0.510		.492	.495	.495	.495		
G	0.257	0.262	DT8683	.259	.258	.258	.258		
H	0.375	0.380	DT8684	.377	.377	.377	.377		
I	0.490	0.510		.502	.495	.505	.502		
J	1.174	1.184		1.180	1.180	1.180	1.180		
K	0.558	0.578		.568	.560	.568	.570		
L	1.174	1.184		1.180	1.180	1.180	1.180		
M	1.490	1.500		1.500	1.500	1.500	1.500		
N	2.495	2.505		2.500	2.500	2.500	2.500		
O	3.869	3.879		3.874	3.874	3.874	3.874		
P	0.115	0.135		.125	.125	.125	.125		
Q	0.115	0.135		.132	.132	.135	.135		
R	0.240	0.260		.250	.250	.250	.250		
S	0.115	0.135		.132	.134	.132	.130		
T	0.178	0.198		.188	.188	.188	.188		
U	2.940	2.980		2.960	2.960	2.960	2.963		
V	0.230	0.250		.240	.240	.240	.239		
W	0.115	0.135		.132	.130	.130	.130		
X	0.308	0.313		.310	.310	.310	.310		
Y	0.760	0.765		.760	.760	.760	.760		
Z	0.352	0.372		.360	.360	.360	.360		
AA	0.470	0.530		.500	.500	.500	.500		
AB	0.615	0.635		.629	.635	.630	.630		
AC	0.053	0.073		.063	.063	.063	.063		
AD	0.240	0.260		.250	.250	.250	.250		
AE	1.375	1.395		1.386	1.386	1.386	1.386		
AF	0.115	0.135		.125	.125	.125	.125		
AG	0.240	0.280		.260	.260	.260	.260		
AH	0.240	0.260		.250	.250	.250	.250		
AI	2.000	2.020		2.000	2.000	2.000	2.000		
AJ	0.023	0.043		.033	.033	.033	.033		
Accept/Reject									

Measured by:	S.E.
Date:	08/01/03

Audited by:	SD
Date:	08/01/03

Rev	Date	Change	Revised by	Approved
A		New Issue	RF	
B	02.09.24	Re-format; Added Rev. D	KJ	
C	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension AI	KJ/RF	
E	05.12.05	Added dimension AJ	KJ/JLM	



<b>DART AEROSPACE LTD</b>	<b>Work Order:</b> 35931
<b>Description:</b> Saddle, Fwd Outboard	<b>Part Number:</b> D2571
<b>Inspection Dwg:</b> D2571 Rev. E	<b>Page 1 of 1</b>

Inspect dimensions highlighted on inspection sheet drawing D2571 Rev. E and record below:

				Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	51	61	71	4	By	Date
A	0.438	0.443	DT8682	.440	.440	.440	.440		
B	1.745	1.755		1.750	1.750	1.750	1.750		
C	3.495	3.505		3.500	3.500	3.500	3.500		
D	1.745	1.755		1.750	1.750	1.750	1.750		
E	7.990	8.010		8.004	8.004	8.004	8.004		
F	0.490	0.510		.505	.505	.505	.505		
G	0.257	0.262	DT8683	.258	.258	.258	.258		
H	0.375	0.380	DT8684	.375	.375	.377	.377		
I	0.490	0.510		.501	.501	.503	.503		
J	1.174	1.184		1.180	1.180	1.180	1.180		
K	0.558	0.578		.568	.569	.570	.570		
L	1.174	1.184		1.180	1.180	1.180	1.180		
M	1.490	1.500		1.500	1.500	1.500	1.500		
N	2.495	2.505		2.500	2.500	2.500	2.500		
O	3.869	3.879		3.874	3.874	3.874	3.874		
P	0.115	0.135		.120	.120	.125	.126		
Q	0.115	0.135		.125	.135	.135	.135		
R	0.240	0.260		.250	.250	.250	.250		
S	0.115	0.135		.126	.130	.130	.130		
T	0.178	0.198		.188	.188	.188	.188		
U	2.940	2.980		2.963	2.963	2.963	2.963		
V	0.230	0.250		.240	.240	.240	.240		
W	0.115	0.135		.120	.129	.130	.130		
X	0.308	0.313		.310	.310	.310	.310		
Y	0.760	0.765		.764	.764	.764	.764		
Z	0.352	0.372		.360	.360	.360	.360		
AA	0.470	0.530		.500	.500	.500	.500		
AB	0.615	0.635		.635	.635	.635	.635		
AC	0.053	0.073		.063	.063	.063	.063		
AD	0.240	0.260		.250	.250	.250	.250		
AE	1.375	1.395		1.385	1.385	1.388	1.388		
AF	0.115	0.135		.125	.125	.125	.125		
AG	0.240	0.280		.260	.260	.260	.260		
AH	0.240	0.260		.250	.250	.250	.250		
AI	2.000	2.020		2.000	2.000	2.000	2.000		
AJ	0.023	0.043		.033	.033	.033	.033		
Accept/Reject									

Measured by: J.F. 156
Date: 08/01/09

Audited by: SD
Date: 08/01/09

Rev	Date	Change	Revised by	Approved
A		New Issue	RF	
B	02.09.24	Re-format; Added Rev. D	KJ	
C	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension AI	KJ/RF	
E	05.12.05	Added dimension AJ	KJ/JLM	

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Inspect dimensions highlighted on inspection sheet drawing D2571 Rev. E and record below:

				Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	1 9	2 10	3 11	4 12	By	Date
A	0.438	0.443	DT8682	.440	.440	.440	.440		
B	1.745	1.755		1.750	1.750	1.750	1.750		
C	3.495	3.505		3.500	3.500	3.500	3.500		
D	1.745	1.755		1.750	1.750	1.750	1.750		
E	7.990	8.010		8.003	8.003	8.003	8.003		
F	0.490	0.510		.505	.505	.505	.505		
G	0.257	0.262	DT8683	.259	.259	.259	.259		
H	0.375	0.380	DT8684	.376	.376	.376	.376		
I	0.490	0.510		.502	.502	.502	.502		
J	1.174	1.184		1.179	1.179	1.179	1.179		
K	0.558	0.578		.568	.568	.568	.568		
L	1.174	1.184		1.179	1.179	1.179	1.179		
M	1.490	1.500		1.495	1.495	1.495	1.495		
N	2.495	2.505		2.500	2.500	2.500	2.500		
O	3.869	3.879		3.874	3.874	3.874	3.874		
P	0.115	0.135		.126	.126	.126	.126		
Q	0.115	0.135		.130	.130	.130	.130		
R	0.240	0.260		.250	.250	.250	.250		
S	0.115	0.135		.127	.127	.127	.127		
T	0.178	0.198		.188	.188	.188	.188		
U	2.940	2.980		2.964	2.964	2.964	2.964		
V	0.230	0.250		.240	.240	.240	.240		
W	0.115	0.135		.126	.126	.126	.126		
X	0.308	0.313		.310	.310	.310	.310		
Y	0.760	0.765		.760	.760	.760	.760		
Z	0.352	0.372		.360	.360	.360	.360		
AA	0.470	0.530		.500	.500	.500	.500		
AB	0.615	0.635		.630	.630	.630	.630		
AC	0.053	0.073		.063	.063	.063	.063		
AD	0.240	0.260		.255	.255	.255	.255		
AE	1.375	1.395		1.387	1.387	1.387	1.387		
AF	0.115	0.135		.125	.125	.125	.125		
AG	0.240	0.280		.250	.250	.250	.250		
AH	0.240	0.260		.250	.250	.250	.250		
AI	2.000	2.020		2.000	2.000	2.000	2.000		
AJ	0.023	0.043		.033	.033	.033	.033		
Accept/Reject									

Measured by:	RF
Date:	08.01.05

Audited by:	SD
Date:	08/01/09

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